

What is claimed is:

Sub. A1  
1. A connection method of a first device and a second device involving an electrical connection, comprising the steps of:  
providing an opening for fitting the second device into the first device;

arranging a substrate on which a conductor is printed on the periphery of the fitting opening;

providing a first terminal by extending and folding the conductor on an inner part of the fitting opening;

providing a second terminal corresponding to the terminal in the second device; and

making the first terminal and the second terminal come into contact by fitting the second device into the fitting opening.

2. A connection method according to claim 1, wherein the first device is a cylinder head of an engine of an automobile, and the second device is an ignition coil device.

Sub. A2  
3. A connection method according to claim 1, further comprising the steps of:

providing a positioning member for positioning the second terminal so that the second terminal corresponds to the first terminal in the second device; and

providing a hole into which the positioning member is inserted in the first device.

4. A connection method according to claim 1, further comprising the step of inserting annular seal members surrounding the fitting opening between the first device and the substrate

and between the second device and the substrate.

5. A connection structure of a first device and a second device involving an electrical connection, comprising:

the first device comprising:

an opening for fitting the second device;

a substrate on which a conductor is printed on the periphery of the fitting opening; and

a first terminal by extending and folding the conductor on an inner part of the fitting opening; and

the second device comprising a second terminal corresponding to the first terminal;

wherein the first terminal and the second terminal come into contact by fitting the second device into the fitting opening.

6. A connection structure according to claim 5, wherein the first device is a cylinder head of an engine of an automobile, and the second device is an ignition coil device.

7. A connection structure according to claim 5, further comprising:

a positioning member for positioning the second terminal so that the second terminal corresponds to the first terminal in the second device; and

a hole into which the positioning member is inserted in the first device.

8. A connection structure according to claim 5, further comprising annular seal members surrounding the fitting opening between the first device and the substrate and between the second

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A3

device and the substrate.

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